

It is still another object of the present invention to provide a novel method of making lamps in which the temperature of the fill gas contained within the outer lamp jacket is controlled until the jacket is sealed.

It is yet another object of the present invention to provide a novel method of making lamps having subatmospheric fill pressure within the outer lamp jacket in which there is no pressure differential at the time of sealing the jacket.

These and many other objects and advantages of the present invention will be readily apparent to one skilled in the art to which the invention pertains from a perusal of the claims, the appended drawings, and the following detailed description of the preferred embodiments.

#### BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is an illustration of certain steps in the manufacture of a single-ended HID lamp according to one aspect of the present invention.

#### DESCRIPTION OF PREFERRED EMBODIMENTS

The present invention finds utility in the manufacture of all types and sizes of electric lamps having gas filled outer lamp jackets. By way of example only, certain aspects of the present invention will be described in connection with the manufacture of HID lamps having a lamp stem mounted at the single open end of the outer lamp jacket.

Figure 1 illustrates certain steps in the manufacture of a single-ended HID lamp according to one aspect of the present invention. The stem leads, arc tube, and arc tube